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(21) International Application Number: PCT/EP99/10209 (22) International Filing Date: 16 December 1999 (16.12.99) (30) Priority Data: 98204291.3 16 December 1998 (16.12.98) EP (71) Applicants (for all designated States except US): UNIVERSITY OF LIEGE [BE/BE]; 20 Bd de Colonster, B-4000 Liege (BE). MELICA HB [SE/SE]; Andersson, Leif, Bergagatan 30, S-752 39 Uppsala (SE). SEGHERSGENTEC N.V. [BE/BE]; Kapelbaan 15, B-9255 Buggenhout (BE). (72) Inventors; and (75) Inventors/Applicants (for US only): ANDERSSON, Leif [SE/SE]; Bergagatan 30, S-752 39 Uppsala (SE). GEORGES, Michel [BE/BE]; Rue Vieux Tige 24, B-3161 Villers-aux-Tours (BE). SPINCEMAILLE, Geert [BE/BE]; Sint Denijsstraat 26, B-8550 Zwevegem (BE). (74) Agent: OTTEVANGERS, S., U.; Verenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: SELECTING ANIMALS FOR PARENTALLY IMPRINTED TRAITS (57) Abstract The invention relates to methods to select breeding animals or animals destined for slaughter for having desired genotypic or potential phenotypic properties, in particular related to muscle mass and/or fat deposition. The invention provides a method for selecting a pig for having desired genotypic or potential phenotypic properties comprising testing a sample from said pig for the presence of a quantitative trait locus (QTL) located at a Sus scrofa chromosome 2 mapping at position 2p1.7.		